

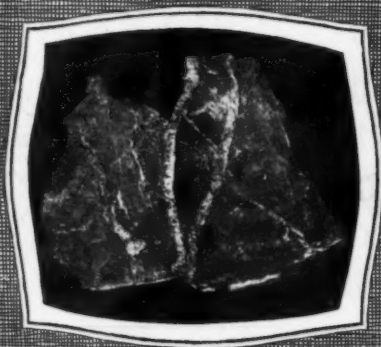
ASBESTOS

The Most Important Mineral in the World.

Vol. 8

JULY 1926

No. 1



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... ASBESTOS ...

A MONTHLY MARKET JOURNAL

DEVOTED TO THE INTERESTS OF THE
ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER

EDITOR

PUBLISHING OFFICE

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July 1926

Page One



*"Andy" Johnson, as he was affectionately known by the entire Asbestos Industry.
The above are reproductions of the only two photographs of Mr. Johnson in existence, snapshots
taken without his knowledge.*

Andrew Johnson--Pioneer in the Asbestos Mining Field

Much of Canadian enterprise and success can be attributed to the courage, industry and perseverance of her early settlers and citizens. Death may take such men from our midst, but their work, or the result of their work, goes on forever.

Of this type was Andrew Stuart Johnson, born at Clapham, P. Q., Canada, on December 16th. He was of Scotch Irish descent, being the son of Agnes Steel of Paisley, Scotland, and Samuel Johnson of Belfast, Ireland.

A sturdy and fearless lad, Andrew Johnson spent his boyhood on his farmer's farm, loving all farm work, including logging and lumbering, no matter how hard or heavy the work was. He was a typical farmer's son and very proud of it. In later days he loved to talk of those early times—when travel was most difficult, oxen hitched to drags, or else horseback, over the only road in existence, and that not much more than a trail, known as General Craig's old military road from Quebec to Vermont; when the settlers cut the woods, burned it up into charcoal, boiled and dried it, and thus made "Purlash" or "Potash," put it in barrels, loaded it on drags, then took many days to get it to Quebec where they could exchange it for provisions. At that time the dense virgin forests were inhabited by wolves, bears and bob cats, adding to the dangers of the settlers and causing considerable loss of livestock.

His schooling consisted of but a few years in the rural elementary school, he being, in fact, practically a self-made man.

In his 'teens, Mr. Johnson delivered the mail for miles thruout the country, his father being postmaster at Clapham, and also helped out with the lumber business. About this time also he built a complete lumber wagon with what implements he could find in his father's old blacksmith shop, and he always claimed that this wagon was his start in life as he sold it for \$115.00, quite a bit

— A S B E S T O S —

of money in those days. He was a corporal in the Fenian Raid of '66, for which service he received a medal from Queen Victoria.

As a boy he saw asbestos in the rocks in the forests and was greatly interested in it. Later he tried to learn more about it—the uses to which it could be put, demand, and so on, and then, with his brother, began to blast it from the rock. The two boys, however, did not own the land on which they were working, and thru some flaw in the early law regarding mineral rights, they nearly lost the right to mine the Asbestos. They got to work, however, and raised sufficient capital in the City of Quebec to buy the land. This in 1876 when money was not too plentiful and the difficulties attending the raising of funds by a backwoods boy in a city can be imagined better than described. But the capital was raised and today Johnson's pit stands on the site of the first workings.

At first shipments had to be transported by oxen about twenty miles to St. Julie on the Grand Trunk Railway, but in 1878 the Quebec Central Railway was built and transportation was not so difficult.

Mr. Johnson married in 1892, his wife being Maria McCammon of Inverness, Que.

He was a member and active worker in the Anglican Church, contributing liberally to its support.

In politics he was a staunch Conservative and at one time represented the County of Megantic in the Quebec Legislature.

He was a lover of honesty and despised anything low or underhand. His word was as good as his bond and a promise once made was kept despite any obstacles which might be in the way.

As the Johnson Asbestos Mine developed, Mr. Johnson naturally became a very rich man, but he cared absolutely nothing for riches, had simple tastes and, in fact, scorned luxuries. He loved to argue and would and could argue on any topic whatsoever and with anyone whomsoever.

Mr. Johnson was exceedingly fond of fishing, especially brook trout fishing, and belonged to two fishing

— A S B E S T O S —

Carey

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THE PHILIP CAREY COMPANY
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— A S B E S T O S —

clubs, the Scott and the Wolfe Clubs, which he visited occasionally. He also belonged to the St. George Business Men's Club but never attended.

Another pastime which he enjoyed was auto driving, and never missed his drive, rain or shine.

He hated publicity, and would never give any information for publication. Nor would he have his photograph taken, even for his family, and the photos accompanying this brief biography were made from snapshots taken by his sons and daughters without his knowledge. He never knew, in fact, that the pictures were taken.

Mr. Johnson's death occurred on Friday, June 11th, after an illness of several months. He is survived by his widow, three daughters, Mrs. A. H. Visser of Thetford, Mrs. T. H. Best of Toronto, and Miss Pearl Johnson of Thetford and two sons, Andrew Stuart and Samuel Johnson, both of Thetford.

The Asbestos Industry greatly mourns the passing of this sturdy pioneer in the Asbestos Mining field, for "Andy" Johnson commanded the honor and respect of the entire Industry.

"Le Ciment," a French publication, has recently published an article under the title "Fibro-Ciments," which describes the process of making Asbestos Cement shingles and sheets.



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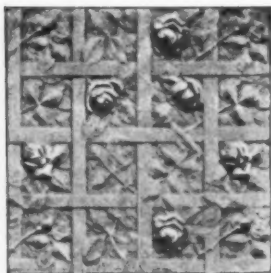
Johns- Manville

INCORPORATED

■

Relief Decorations in Asbestos

There are very few asbestos products purchased primarily for their beauty or artistic appearance, asbestos materials for the most part being distinctly commercial and utilitarian.



Ceiling Decoration

But in France, that land of the beautiful, where everything, whether it be food, apparel, or whatnot, appears to be made with beauty as the chief goal, in France they make an Asbestos product which can justly claim beauty as one of its natural attributes.

The material referred to is an asbestos cement product, and can best be described by the rather broad classification—relief decorations.

“Elo” which is the trade name under which this product is sold, is manufactured in the form of sheets



An attractive design for walls or wainscoting

— A S B E S T O S —

or panels, similar to wall board. Wallboard as we Americans know it, however, is hardly synonymous with the beautifully decorated panels made in Poisey, France. The several illustrations accompanying this article will give our readers some idea of the appearance of the material.

Like all Asbestos Cement products, "Elo" is fireproof, very durable, tough, elastic, light in weight and its manufacturers claim that it will not crack, chip or disintegrate. It therefore displaces the fragile stucco and plaster, and supercedes wood in its decorative applications because it will neither burn nor rot. Added to these advantages is its comparatively low cost.

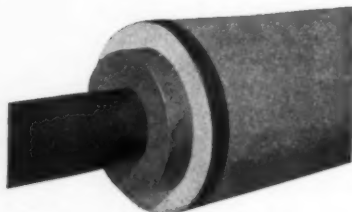
"Elo" is used on the exterior of buildings in self color (light gray) in the form of friezes, panels, tops of bays, bas reliefs and decorative panels, and helps to brighten the exterior of concrete buildings which are generally cold to the eye.

For interior decoration it is treated with stains and special varnishes, and can be had in shades resembling terra cotta, light or dark wood, and bronze. Interior use finds it in the form of dadoes, panelling, over doors, door frames, picture frames, chimney decoration, furniture such as buffets, bookcases, desks, church furniture—altars, pews, pulpits, etc. Perhaps it is most used as interior and exterior decoration of places of public assembly, such as shops, hotels, cafes, theatres, etc., as tasteful results can be ob-



*A Panel in the
Wood Finish*

"National" Super-Heat Insulation



For Insulating Super-Heated High Pressure Steam Lines

Composed of an inner layer of FIRE BACKING High Heat Insulation covered with a layer of 85% Magnesia insulation.

The Magnesia being slightly more efficient than the Fire Backing, this combination has a decided advantage over the use of other materials of higher heat resistance and lower efficiency for the entire thickness.

Made in special thickness to meet various requirements and conditions.

NATIONAL MAGNESIA MFG. CO.

544 Market St.



San Francisco, Cal.

FACTORY—REDWOOD CITY, CAL.

A S B E S T O S

tained at reasonable cost, and while giving the rich appearance of carved wood, at the same time complies with all fire regulations.

Certain designs are carried in stock, but any design can be executed by special order, provided a sufficiently large quantity is ordered.

The application of the material is very simple. On the inside it is nailed or screwed; outside the panels are fitted into small ledges making a frame, and secured by small cement plaster blocks. Nor is the removal of the material difficult, which means that the panels can be taken down and moved to some other room if desired. Maintenance calls for simply a wax polish in the case of bronze and wood tones, the other finishes requiring dusting only.

While "Elo" has not been introduced into the United States, beyond a few specimens of the material brought over as samples, when shown to architects and others interested in things of this sort, it met with instant approval. In fact it is rumored that one of the large construction companies in this country is ready to use immense quantities of the material when it finally is (as it undoubtedly will be) produced here.

Unfamiliarity of the Public with Asbestos

Many of our readers will, I imagine, upon reading the title of this article, hastily turn to the next page, believing that this discussion is concerned particularly and solely with the advertising, or lack of advertising, of asbestos and the products made from that mineral.

Of course we could say a lot along that line. It is apparent to anyone that the only reason the public thinks of brake lining when asbestos is mentioned, is because the larger brake lining manufacturers have for some time

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**Yarns, Brake Linings
Clutch Facings
Listings**

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raw materials to the finished
product in our own factory.

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GERMANTOWN, PHILADELPHIA**

— A S B E S T O S —

been impressing on the public the need of asbestos lining to make their brakes safe.

And the only reason the public knows that asbestos is used extensively in roof coverings, is because many of the roofing concerns have gone to some pains and much expense to impress the fact that asbestos in a roof means fire as well as weather protection.

Likewise, one reason the people in general do not grasp the fact that asbestos has a lot to do with providing them with the necessities and comforts of modern life, is because no one has taken the trouble to educate them to the many and varied uses of asbestos and asbestos products outside of the three largest divisions, brake lining, pipe covering and roofing.

But, let those who will, argue along those lines; there is another reason, aside from advertising, or the lack of it, for the public's colossal ignorance of asbestos and its uses.

When anyone purchases a door knob, or a lock, he can generally tell simply by looking at it whether it is made of brass, or iron, or copper. If he purchases an automobile, he knows that it contains iron, aluminum, cloth, rubber, because he can see those materials, feel them, and is thoroly familiar with them from seeing them in use elsewhere.

But many products in which asbestos is used do not show the asbestos at all. As a general thing you cannot see the asbestos in an asbestos roll roofing—that is, the man on the street cannot see it—the only way you know it is there is because the manufacturer says so. Even in an asbestos cement shingle or other asbestos cement product, the asbestos is not noticeable to the casual and inexperienced eye. Asbestos paper can hardly be told by the average man from a heavy quality of wrapping paper. Phonograph records, electrical and radio parts, telephone mouthpieces, all contain asbestos in their composition, but it cannot be detected by examination—only a chemical analysis would prove its existence.

In the automobile, the steam engine, or other pieces of machinery or apparatus, the asbestos is used in "hidden" places, sometimes seen only when the machine

— A S B E S T O S —

is torn down for repair. The public may know it is there but probably never sees it.

And in some materials the asbestos, while used in the manufacture, is not in the material at all when finally placed on the market. Pottery manufacturers, for instance, mix asbestos with their clay, finding it very useful to hold articles in shape while baking, but the temperature to which the pottery is subjected in the baking process destroys all trace of the short asbestos fibres used.

It is this obscurity which makes it so very hard to convince the man on the street that he owes so much of his comfort and pleasure to asbestos. He may duly comprehend its importance when you explain that the machinery which makes the clothes he wears could not be run without the use of asbestos packings, or gaskets, clutch facings, or the other infinitesimal and obscurely situated bits of asbestos used in connection with most machinery, but, even if he happens to go thru a mill spinning the yarn or weaving the cloth used in his clothes, he very probably does not see the asbestos used.

He apparently never thinks that his pleasure trip over land or water is primarily dependent on the use of asbestos as insulation on the boilers of the engines, and that so far it has been found impossible to replace many, if any, of these asbestos articles with an adequate substitute material—because he never sees the asbestos in actual use, even tho he may visit the boiler room of the steamer or watch the locomotive as it goes by.

The copper, the iron, the brass, he knows by sight and can recognize them; but the appearance of asbestos is so disguised by coverings of various sorts (the treating material in the brake lining, canvas on the insulation, metal on the gasket, graphite on the packing) that he is unable to recognize it as asbestos.

The question of overcoming this unfamiliarity because of obscurity of asbestos products, is a baffling one. Can anyone suggest an answer?

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— A S B E S T O S —

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— A S B E S T O S —

MARKET CONDITIONS

General Business.

The concensus of opinion of business commentators appears to find satisfaction in the fact that things are not nearly so bad as they were expected to be. Earlier in the year dire prophecies were indulged in, but almost without exception none of the evils prophesied have come to pass.

The automobile industry which was regarded as plunging recklessly in the speeding up of production, is finding business quite beyond its most optimistic expectations.

Building activity has not slumped as much as was expected.

In fact satisfactory business is looked for generally in the coming six months.

Asbestos—Raw Material.

Improvement is shown in the raw material field. E. J. Wilson, in commenting on the market situation says:

"Shipments from Thetford Mines during the month of June were in good volume, and in excess of May shipments. Notwithstanding pessimistic talk by some producers as well as by some manufacturers, the shipments of spinning material continue to be large and for the first six months of this year were well ahead of the first half of 1925. Indications for the last six months of 1926 are excellent.

"It is quite evident that the asbestos textile manufacturers are doing a large business taken as a whole. One healthy indication was an increase in the price as of July 1st on one well known and excellent grade of spinning material. While some old contracts at low price are still in effect, they are coming to an end and the new prices will enable the mines to show satisfactory earnings. It is evident that the situation between the various Canadian mines has not yet been entirely cleared up but it is hoped that a reasonable attitude towards production will be maintained by all of them."

— A S B E S T O S —

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— A S B E S T O S —

Manufactured Material.

Fair demand rules in most of the lines.

Volume in paper and millboard does not come up to last year.

Insulation materials are showing fair demand which should, of course, increase with the approach of fall.

The market in Asbestos Textiles is quite satisfactory. Manufacturers of Brake Linings and Clutch Facings report that replacement business is increasing more rapidly than direct factory business, and as replacement business is the most profitable, this is as it should be.

O. B. Towne, Commissioner of the Asbestos Brake Lining Association, in commenting on the market situation says: "Car equipment business is about normal with prospects for much better business a little later. Standard stuff in car equipment moves, of course, as usual. Replacement business seems to be slightly improved thru the sections where brake testing campaigns have been held in the past. Stocks on hand are normal for this period of the year. In fact, there is remarkably little change in the business situation thruout the industry except for the slight increase in connection with replacement."

Shingles are active but highly competitive owing to the entrance of so many new manufacturers in that line.

Prices generally are stiffening slightly, some divisions of the Industry showing satisfactory firmness, while, of course, foolish prices are found now and again which appear to contradict that statement.

The raise in price of spinning fibre reported above will undoubtedly help the price situation on finished goods, as it will automatically supply a reason for higher prices of manufactured materials.

Really, things are not as bad as they might be.

Fair prices can be gotten if you want them.

More Radio

"Norah, why haven't you brushed down that cobweb?"

"Cobweb? Lor, mum, I thought that had something to do with yer wireless."



Asbestos Products

Asbestos Paper

Asbestos Rollboard

Asbestos Millboard

Asbestos Cements

85% Magnesia Pipe Covering

Asbestos Air Cell Covering

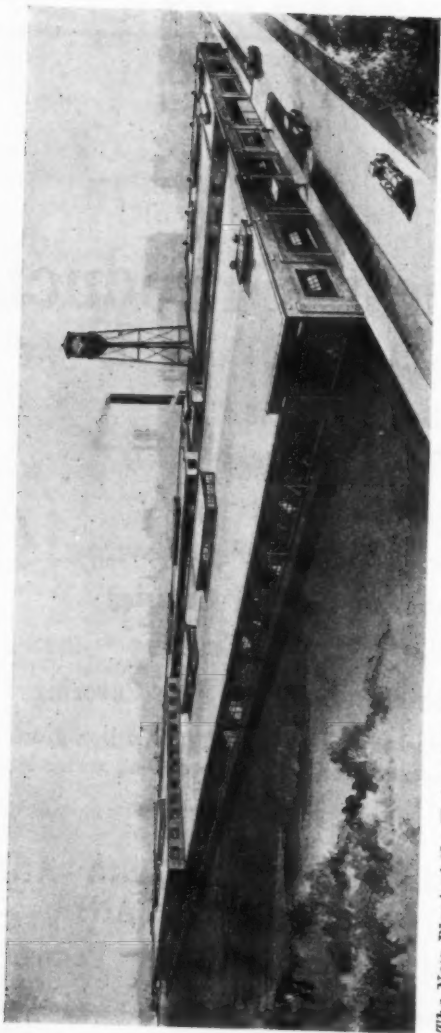
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**NORRISTOWN MAGNESIA AND
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Norristown - - Penna.



The New Plant of the Union Asbestos & Rubber Company at Cicero, Ill. (See description on opposite page.)

— A S B E S T O S —

Union Asbestos and Rubber Company Builds New Plant

The completion of the new Unarco plant at Cicero, Illinois, is a fitting tribute to the remarkable growth which has necessitated these greater manufacturing facilities.

From a modest beginning ten years ago, in the field of railway specialties, offering products only of proven better value for their specific purposes, the Union Asbestos and Rubber Company today requires the output of this large, modern plant to meet the demands that quality and service have created for their product.

Here, every up-to-date means is employed to manufacture economically the large variety of asbestos products bearing the well known Unarco trade-mark—the popular Insutape and Super-Insutape, asbestos yarns, cloth and a full line of high pressure steam packings for both railroad and industrial use.

The plant covers a ground area of 175,000 square feet with a factory floor space of over 100,000 square feet, exclusive of 20,000 square feet of warehouse space. Railroad siding of 2200 feet gives adequate shipping facilities.

Special machinery for this plant was designed and built particularly for working asbestos. Efficiency methods of manufacturing and routing are used thruout, the arrangement and active management under a pioneer in the industry, Chester L. Hill. Mr. Hill not only was the founder of one of the largest asbestos plants in the country, but achieved reputation as well as the creator of practically all of the present day standards of asbestos fabrics, including woven friction facing and high pressure packings.

Unarco Products are standard on many railroads. Industrial plants, too, are more and more appreciating the economy and serviceability of the complete line of Unarco high pressure packings. The achievements of the past several years give promise of even greater accomplishments for the future, with the enlarged facilities and ever growing popularity of Unarco Products.

Cost Figures That Will Help You Sell

BY WILLIAM R. BASSET,

President of Miller, Franklin, Basset & Co., Inc.

Every manufacturer realizes that when his plant operates at less than capacity, the cost of his product rises. He cannot, however, raise prices to correspond with the costs. Rather, he lowers prices so as to get more work into the plant, and by enabling him to spread the overhead expense over more product, to reduce his costs. In this way he attempts to get back the cost of labor and material plus a part of the overhead that goes on whether the plant is busy or not.

Usually the shading of prices for this purpose is done by guess work without a cost system properly designed for the purpose; if so the prices may be cut to an extent that makes the loss greater than it would be if the plant were shut down.

Informative figures can be obtained without an unduly complicated cost system. It simply requires that a normal figure for each item of expense in a department be determined based upon the normal activity of that department.

Each month the normal and actual figures are compared. Those items which fluctuate with the activity of the plant are in one group and those which do not are in another.

Knowing accurately the labor and material cost of the product, it is then possible to accurately determine what the result on profits will be if a given amount of business is taken at a given price. Unless you have such a method of forecasting costs, your cost system is of doubtful value as a guide in setting selling prices, for business is seldom exactly normal. Actual cost figures must therefore be aided by a knowledge of normals and abnormals.

— A S B E S T O S —

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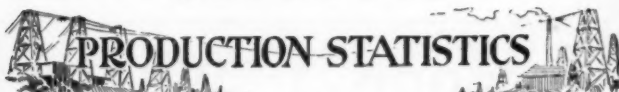
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GLOVES, MITTENS, LEGGINS
GASKETS, SEAMLESS AND JOINTED
PACKINGS, STEM AND HIGH PRESSURE
WICK AND ROPE

ASBESTOS FIBRE SPINNING COMPANY

NORTH WALES,

PENNA.

ASBESTOS



PRODUCTION STATISTICS

Rhodesia¹

Bulawayo District—

	March Tons (2000 lbs)	1926 Value
Nil Desperandum and Sphinx (Afr. Asb. Mng. Co. Ltd.)	579	£ 9,132
Pangani (J. S. Hancock)	31	467
Shabanie (Rho. & Gen. Asb. Corp. Ltd.)	991	23,757

Victoria District—

Gath's (R. & Gen. Asb. Corp. Ltd.)	649	16,222
King & King A. (R. & Gen. Asb. Corp. Ltd.)	338	8,452

	2,588	£58,030
For March 1925	2,165	48,177

Union of South Africa²

	March Tons (2000 lbs)	1926 Value
Transvaal	1,026	£15,757
Cape	256	4,301

	1,282	£20,058
For March 1925	783	£12,520

Cyprus³

Total Production for 19253,221 tons (all exported)

	1926	1926
January	None	None
February	None	800 tons
March	None	

Figures for Cyprus production will be published monthly hereafter.

Canada. Final figures for production of Asbestos in Canada during the year 1925 have just reached us from the Dominion Bureau of Statistics at Ottawa.

Total shipments for the year were 290,389 tons (2000 lbs.) valued at \$8,988,360, as compared with 225,744 tons, valued at \$6,710,830 in 1924.

Exports of asbestos (including sand and waste) during 1925 totalled 258,017 tons (2,000 pounds) or 53,268 tons in excess of the quantity exported in 1924.

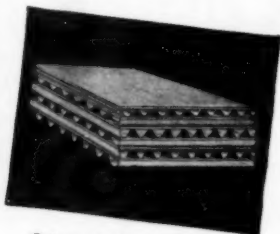
1. Figures published by Rhodesia Chamber of Mines.
2. Figures published by Dept. of Mines and Industries for U. of S. Africa.
3. Figures supplied by Cyprus Asbestos Company.

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INSULATING MATERIALS OF THE BETTER TYPE



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Covering**



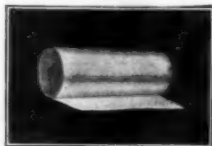
**Sal-mo Asbestos Air Cell
Fireboard**

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a quarter of a
century of
experience,
knowledge
and skill
is back of
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Manufacturers

SALL MOUNTAIN COMPANY
SCRANTON CHICAGO BOSTON

CONTRACTORS AND DISTRIBUTORS PAGE

QUALITY OR CUT PRICE—SOME ARGUMENTS FOR QUALITY

The cut price salesman possibly does not realize that when he sells at a cut price he has but one argument to offer—that of price.

When he has made his claim that his price is cheap he is done. Even tho the quality of the job may be good, and even tho he believes it will be right, there is always a suspicion in the back of the customer's mind that the cut price job cannot be as good as the higher priced one.

The customer may be satisfied that he is getting his money's worth at the price, but he can't be made to believe that he is getting at a low price the same quality of goods and workmanship he would obtain if a higher price were paid. If you don't believe that statement, take yourself as an instance, in the case of any personal purchase you may have made. Once in a while we strike bargains but as a general thing we are distrustful of them.

On the other hand the quality salesman's arguments are legion. He can point to other examples of his firm's work which stand as monuments to the quality idea; he can show how much more service you are going to get from a quality job than from a cheap job; he can perhaps show you that the cheap price while cheap in the first place will cost double in the long run. He knows his company will stand back of the job and the goods, and he isn't afraid to say so.

Besides the lasting qualities, and the lower ultimate cost, the quality job can generally be depended upon to give better service during the period of its use than the cheap job. This is particularly true in the insulation industry. A favorite method of lowering costs is decreasing the thickness of the insulation and this practice is resorted to not so much by the insulation contractor as by the architect or engineer who specifies the material to be used on the job.

The customer therefore saves money in the beginning but spends it extravagantly as long as the material is in service.

The best argument is the quality argument, backed up by a quality job.

— A S B E S T O S —



AMERICAN ASBESTOS COMPANY



Manufacturers of
Asbestos Textiles

NORRISTOWN, PA., U. S. A.

Headquarters for
**Yarns, Cloth, Tapes, Fibres, Brake
Linings and Textiles Generally**

WRITE FOR PRESENT PRICES

ASBESTOS



This page devoted each month to the discussion of brake lining activities by O. B. Towne, Commissioner of the Asbestos Brake Lining Association

The Muther Manufacturing Company has put on a series of tests for the efficiency of automobile brakes using the new invention, the Stopmeter. The report of these tests has been put up in chart form and is arousing a great deal of interest. This chart plots the curve of the deceleration in the application of brakes at the various speeds. This applies to the two wheel and the four wheel brakes.

Mr. A. L. Viles of the Rubber Association addressed the last meeting of the Asbestos Brake Lining Association on the fundamentals of association work. This was the last meeting of the association for the summer, adjournment taking place for the summer months. The address made by Mr. Viles was more directly to the point than any other address given to the A. B. L. A. since it was organized. Much interest was aroused.

Following is a summary of production of asbestos brake lining and clutch facings during the year ending December 31st, 1925, as reported by the fourteen members of the A. B. L. A.

Asbestos Brake Lining (Linear Feet)	70,789,412
Cotton Lining—Ford Size (Linear Feet)	24,234,953
Asbestos Lining—Ford Size (Linear Feet)	2,907,170
Woven Clutch Facings (Pieces)	12,641,013
Molded or Compressed Facings (Pieces)	5,232,915

(The above statistics were compiled by Martin Kortjohn & Company, Certified Public Accountants, New York City.)

The killing season in the motor world apparently is on. The number of individuals hurt and killed in motor accidents has taken a terrific jump due to the close of school and the large number of tourists passing thru the country. In preparation for this there have been more brake testing campaigns put on this year than ever before. The number to date this year exceeds the number of campaigns put on altogether last year, and the season has just begun.

The A. B. L. A. is now in its new offices and is "at home" to all its friends—Room 1009, 578 Madison Avenue, New York City.

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of*

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Filtration Packings

Asbestos Shingles and Lumber

Insulating Cements

Asbestos Paper • Pipe Coverings

Asbestos Millboard

High Temperature Cements

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Office and Mines

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CANADA**

ASBESTOS



IMPORTS AND EXPORTS



Imports into U. S. A.

Unmanufactured Asbestos:

	April Tons (2,240 lbs)	1925 Value	April Tons (2,240 lbs)	1926 Value
Africa (Br. South) . . .	77	\$ 6,494	368	\$58,293
Africa (Port E.)	125	40,435	203	45,358
Canada	14,598	468,370	22,813	645,001
Germany	25	5,635	...	...
United Kingdom	16	3,509	20	5,654
	14,841	\$524,443	23,404	\$754,306

The material imported from Canada during April 1926 as reported by the U. S. Bureau of Customs consisted of 1,122 tons of Crude, valued at \$193,656, 8,653 tons of Mill Fibre, valued at \$261,581, and 13,038 tons of lower grades valued at \$189,764. Material from the Africas and the United Kingdom was all Crude.

Manufactured Asbestos Goods:

	April Pounds	1925 Value	April Pounds	1926 Value
<i>Yarn—</i>				
United Kingdom	114	\$ 122	14,591	\$ 8,608
<i>Fabrics, Woven—</i>				
Germany . . . . .	...	...	602	590
United Kingdom	9,590	4,978	28,261	7,481
<i>Packing, Fabric—</i>				
United Kingdom . . . .	...	...	624	588
<i>Packing, not Fabric—</i>				
Austria	290	219	113,568	2,672
Canada	14	7	16	8
United Kingdom	532	181	...	...
	836	407		
<i>Shingles, Slate, Wood and Lumber—</i>				
Belgium	2,566,191	39,515	4,528,265	66,833
Canada	194,870	5,234	440	69
Germany	63,890	993
	2,824,951	45,742	4,528,705	66,902

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the new long-fibred material mined in the
Transvaal, South Africa

THE CHEAPEST TEXTILE ASBESTOS IN THE WORLD

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- (1) Length of fibre
- (2) Tensile strength
- (3) High insulating properties
- (4) Lightness of weight

This Asbestos, in its various grades, has been
proved eminently suitable for—

- (a) **TEXTILES** (Yarn and Cloth)
- (b) **ASBESTOS-CEMENT SLATES**, and
corrugated roofing
- (c) **BLOCKS** for Boiler Insulation
- (d) **SECTIONAL COVERING**

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A S B E S T O S

Asbestos Cement—

Canada	4,346	150
Germany	552,275	9,327
		556,621	9,477

	April Pounds	1925 Value	April Pounds	1926 Value
<i>Other Manufactures—</i>				
Austria	235	281	121	\$ 186
Belgium	325	38	70,282	1,321
Canada	65	11	1,280	134
France	750	126	...	...
Germany	2,316	1,135	...	...
Italy	4,000	249	...	...
Netherlands	6,000	213	...	...
United Kingdom	2,480	2,379	7,884	3,052
	16,171	\$4,432	79,567	\$4,693
<i>Grand Total</i>	<i>2,851,662</i>	<i>\$55,681</i>	<i>5,322,555</i>	<i>\$101,019</i>

Exports from U. S. A.

Exports of unmanufactured asbestos for the month of April 1926, amounted to 206 tons, valued at \$5,476. During April 1925 71 tons, valued at \$4,476 were exported.

Exports of manufactured asbestos goods:

	April Pounds	1925 Value	April Pounds	1926 Value
Paper, Mlbd. & Rlbd...	207,777	\$10,504	147,278	\$10,247
Pipe Covg. & Cement...	722,145	47,921	357,743	19,442
Textiles, Yarn & Pkg...	126,361	73,620	116,620	73,757
Brake & Clutch Lining...	117,696	82,832	169,136	112,769
Magnesia & Mfrs. of...	434,204	22,515	350,852	19,199
Roofing (Asbestos) ...	9,007 sqs.	38,090	8,668 sqs.	69,417
Other Manufactures ...	154,143	30,244	165,945	23,630

Exports of Raw Asbestos from Canada.

	March Tons (2000 lbs)	1925 Value	March Tons (2000 lbs)	1926 Value
United Kingdom	836	\$ 53,760	533	\$ 41,445
United States	8,167	491,983	8,005	483,749
Australia	150	14,000	200	13,750
Belgium	338	21,325	50	6,900
France	406	33,870	950	53,125
Germany	752	79,741	295	19,370
Italy	439	29,695	255	12,952
Japan	775	38,336	310	16,950
Netherlands	100	13,250	...	...

Total 11,963 \$775,960 10,598 \$648,241

A S B E S T O S

Sand and Waste—

United Kingdom	334	\$ 6,183	89	\$ 1,696
United States	11,504	151,627	12,964	180,411
France	9	108	30	600
Germany	140	3,700	...	...
Netherlands	115	2,300	...	...
<hr/>				
Total	12,102	\$163,918	13,083	\$182,707
Grand Total	24,065	\$939,878	23,681	\$830,948

Imports and Exports by England

These figures thru some inadvertence have not as yet reached us and will therefore not be published until the August number.

A New Use for Magnesia

If your Magnesia shipments are low, perhaps you can dispose of some of your excess material for cleaning beads.

We are told that those beads which will not stand a soap and water treatment, can be cleaned with a mixture of bran and magnesia.

"Put the choice beads into a soft cotton bag, cover them with bran and magnesia which are thoroly mixed together. Shake the bag gently and then leave the beads in the mixture for several hours. Shake the bag again, remove the beads, spread them on a soft cloth and rub with a soft cloth."

Not of much use commercially, of course, but just another use for magnesia. We remember hearing once of using magnesia, often a small piece of 85% Magnesia pipe covering, with which to clean white shoes. This was done in emergency by the girls working for one of the manufacturers of 85% Magnesia.

BUILDING STATISTICS

Contracts awarded during May 1926 in the 37 Eastern States (practically 91% of total U. S. Construction) showed a decrease over April in number of projects, floor space and valuation. During April 17,321 projects, containing 86,522,800 square feet of floor space, valued at \$570,613,600 were awarded. During May the number of projects decreased to 17,243, with floor space of 85,024,800, square feet, valued at \$549,814,800. Educational industrial, public and religious buildings showed some slight increase, but other classes drastic decreases.

Asbestos and Asbestos Paints

(Abstract from "Farbe and Lack Centralblatt")

(Abstracted by A. P. Sachs, Technical Director, Universal Trade Press Syndicate.)

In using asbestos for paints it is ground very fine and sieved. Water glass is used as the vehicle because it is inorganic in nature and heat resistant of itself. To each liter of water glass $2\frac{1}{2}$ -3 liters of soft water are added and asbestos powder in sufficient quantity to give a suitable consistency for painting. In case colored effects are desired dry colors (up to 25% of the amount of the asbestos) may be added, the only specification being that they must be fast to alkali because of the alkaline character of the waterglass. Suitable pigments are barytes, ochre and umber, English red, ultramarine colors and carbon blacks.

Altho asbestos paints are said to be fireproof or rather to render painted objects fireproof, this is, of course, untrue, or true only to a very slight extent. The paint itself is incombustible as neither asbestos, the sodium silicate (water-glass) nor dry colors burn. They may even protect wooden objects against ignition in the presence of a slight fire which otherwise might perhaps tend to spread, but in the case of fire of any extent the protective coats become hot, the wood beneath it carbonizes and causes the paint coat to check, split and peel and ignition occurs. However, there is no question but that for certain purposes asbestos paints are useful. Their usefulness as fire preventive coatings is limited also by the fact that they cannot be used everywhere; floors, doors and furniture cannot be painted with them because of their low decorative value, but roofs, storerooms, warehouses, etc., can be usefully treated with them.

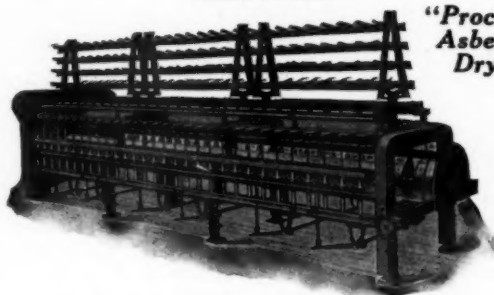
The original article contains numerous formulae, recipes and patent references for painting and coating materials containing asbestos as a principal component.

During May 1926 production of automobiles in the United States and Canada, totalled 446,155, this consisting of 394,781 passenger cars and 51,374 trucks. Final figure for March was 455,878, almost 10,000 cars higher than April.

ASBESTOS

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Who Is Spinning Amosite?

The other day one of our readers asked who was spinning Amosite at the present time, and it occurs to us that other of our readers may be interested in this same information.

We have here in the office a very good looking piece of cloth made from Amosite material. The yarn in this cloth was spun, and then woven by the Cape Asbestos Company, Limited, of London.

Besides Cape Asbestos Company Limited, the Deutsche Kap Asbest Werke Aktiengesellschaft of Bergedorf-Hamburg, Germany, and Societe Francaise de l'Amiante of Flers-de-Orne, France, are making both yarn and cloth from Amosite, as well as Capamianto S. A. I. of Turin, Italy, the last named company being an affiliation of Cape Asbestos Company Limited of London.

Turner Brothers in Rochdale and J. W. Roberts Limited, of Leeds, England, have both experimented with Amosite and made several tons of cloth, altho this may have been only an experiment and we are unable to state definitely whether these two firms are using Amosite material regularly.

So far no one in the United States is using Amosite regularly, to our knowledge, altho we believe some of the firms have experimented with it to a small extent.

We would be glad to be advised of any other firms who have had any experience with Amosite fibre, and the result of their experiments.

Asbestos Solves Everday Problem

How often have you heard a house owner complain of the dust caused by his heating system. "It's a hot air furnace and they are so dusty" his wife declares, and most of us cheerfully sympathize but regard the dust as a necessary evil in connection with hot air heat.

Many owners of warm air furnaces would be immensely surprised if someone told them that instead of trying to get rid of the dust after it has streaked their paper, paint and furniture, they could eliminate the

ASBESTOS

trouble for all time quickly, easily and inexpensively.

This subject is discussed at some length in the June 25th issue of Furnaces and Sheet Metals.

The whole trouble, really, comes from the openings in the floors or walls being cut at least one-eighth of an inch larger than the size of the bottom of the stackheads. This one-eighth of an inch seems of no consequence until we figure it up and find that in a stack head measuring 6 x 12 inches, if the opening is cut one-eighth of an inch larger all around, the total excess opening around the head really amounts to four and a half square inches—and this, of course, for but one register. Is it any wonder that dust, which can get thru the smallest crevice, creeps in a four and a half inch opening?

The remedy, however, is comparatively simple. Simply paste over the excess openings in the basement with asbestos paper, and streaky and smoky walls will bother you no more. Of course asbestos paper is used because of its fireproof quality.

A Substitute for Asbestos Gaskets

One of the automotive journals calls attention to a *liquid packing compound* which can be used as a substitute, or alternative, for copper-asbestos gaskets or other forms of packing and cements as a high-pressure joint between two metal surfaces.

This material is called "Osotite," and is marketed by an English concern. It is said to resist the temperature and explosions occurring in automobile combustion chambers, and may be used wherever gaskets or washers are employed on automotive vehicles for the purpose of making oil tight joints. It is also recommended for use in commercial high pressure gas, steam or water lines.

The description of this material gives only the advantages; whether further investigation would bring to light some disadvantages we do not know but we are trying to learn something more about it.

FACT AND FANCY

Simplified Practice Pays.

Have you given any sustained attention to the simplified practice movement?

Simplified practice, unlike so much organized effort, can show tangible results in the way of dollars and cents, to say nothing of energy, saved.

For instance the Division of Simplified Practice at Washington reports that approximately \$1,000,000 a year has been saved in the paving brick industry directly traceable to reduction in varieties, with increasing savings in other industries up to lumber, which reports a saving of \$200,000,000 a year.

The reductions in sizes, or varieties in the various industries are astounding. For instance; in metal lath the varieties have been reduced from 125 to 24; in files and rasps from 1,351 to 496; face brick 75 to 2; common brick, 44 to 1; cotton duck (widths and weights) 460 to 94; sheet steel, 1819 to 263. Just as large reductions have been made in many more lines, the above instances being cited only as examples of what has been done.

In this work, it is not always possible for manufacturers to make reductions immediately, but gradually the reduction can be made and the results rather astound one. When manufacturers decide that varieties can be reduced 98 percent as in the case of common brick; or 65 per cent as with files, or even 35 per cent as in the case of grocers' paper bags, it can easily be seen that the saving of effort and time, to say nothing of money, is enormous.

The Asbestos Paper Manufacturers have already made some progress in simplifying their weights and sizes, having reduced the size, widths and weights of rolls of Asbestos Paper from 14 to 8, or a reduction of 43%, while on Millboard they show a reduction in sizes and thicknesses of 10 to 5, or 50%. There are surely other places in the industry where simplification could be put into practice with most profitable results.

Anyone interested can obtain full information and assistance from R. M. Hudson, Chief Division of Simpli-

— A S B E S T O S —

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— A S B E S T O S —

fied Practice, Department of Commerce, Washington. Let's look around us and see if at least some wasted effort cannot be avoided.

Treating Indian Fibres.

Those interested in Indian Asbestos Deposits are conducting extensive experiments in an effort to learn just what Indian Asbestos can be called upon to do, and also the uses for which it is unsuited.

To this end, specimens of the material have been sent to the James Ore Concentrator Company of Newark, N. J., for treatment, and we expect to receive shortly, samples of this treated material.

In this treatment the wet process is used, and we are told that very good results have been obtained.

India is working in the right direction; giving attention to the treatment of her fibres, instead of dumping them on a somewhat unfriendly public and letting them, and said public, work out their own salvation.

There is no worse method of introducing a new material than by letting the public get thoroly disgusted with it before they learn how to use it. When India material finally goes on the market in any quantity, buyers will be given full information as to the best method of working it and the uses to which it can be put.

Service Rendered.

Besides our little job of finding interesting things to tell our readers about the Asbestos Industry and everybody in it, we try to supply specific information and assistance to anyone needing it, and we are glad to say such requests are becoming more and more varied and numerous.

For instance, during the past month one of our readers wanted to know the names of asbestos textile firms spinning amosite asbestos; another desired the names of sources of supply for short and long fibred asbestos; still another asked for the names of trade associations in the Asbestos Industry; a fourth wished information as to the uses of very short fibred asbestos and persons in various cities who would be interested in handling it; one firm asked for data as to the manufac-

— A S B E S T O S —

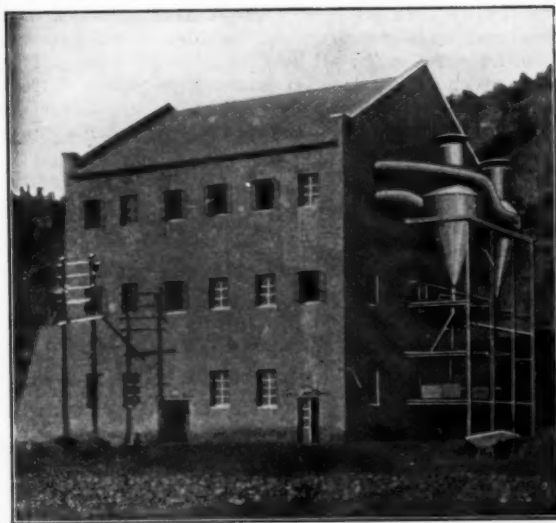
CYPRUS ASBESTOS COMPANY LIMITED

Believing that our many friends will be interested in the extensive additions and alterations we have made and are still making to our milling plant in Cyprus, we propose to reproduce on this page from time to time photographs of various phases of our activities.

Below is a photograph of one of the Company's standard Primary Mills, situated at the quarry face.

Output capacity of each Primary Mill:

One 100 lb. bag partially milled fibre per minute.



The partially milled fibre from each Primary Mill is blended and then passed through the one Finishing Mill, thus ensuring absolute uniformity of quality and grading.

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— A S B E S T O S —

ture of asbestos yarns and cloth, and another wanted to add a certain asbestos product to complete his line of materials and asked who in our opinion would be interested in having an outlet for this particular commodity.

Some months the list is not as long but it is almost always interesting, and we get quite as much pleasure and help from digging out the information as our readers do from receiving it.

Another frequent request is for lists of certain classes of manufacturers or distributors, but such requests must, of necessity, be regretfully declined. We are not a listing organization, and while we try at all times to keep our reference files up to date and accurate, it isn't possible to supply lists without a great deal of work in the sorting and selecting process. Besides if we grant one request we must grant all, and that would be simply impossible, even at a price. It is our firm policy therefore to refuse all requests for lists, even to our advertisers, and we feel sure our readers will understand the reasons underlying such refusals.

It is a pleasure, however, to serve in other ways and we hope our readers will feel free to call on us when they need information about Asbestos.

Good Things to Come.

On page 22 of this issue is the first of a series of articles on cost. We feel sure all our readers will find these little articles very interesting and helpful, especially as they are written in a clear, concise style, easy for anyone to understand even tho unfamiliar with cost accounting.

We plan to begin, possibly in August, or perhaps not until September, a rather comprehensive article on Packings. In this article the author has endeavored to collate the various kinds of packings as to their particular and peculiar uses.

Histories of the various Asbestos firms will be coming along regularly, with here and there a biography of some prominent man in the industry.

Please feel free to comment on any articles that appear in "ASBESTOS," and also give us suggestions for subjects which you would like to see discussed.

— A S B E S T O S —

ARIZONA



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IMPORT

EXPORT

Sesqui Notes

High Street

The more we see of the Sesqui-Centennial Exposition, commemorating one hundred and fifty years of American independence, the more enthusiastic we become.

Historically and artistically, it is a triumph.

So far (we have not yet seen all of it by any means) High Street has impressed us most. High Street, as you may know, is a reproduction of Market Street, Philadelphia, in 1776. In it you see reproductions of Stephen Girard's Counting House, Benjamin Franklin's print shop, the Washington House, the Washington Stable, the Court House, Dr. Shippen's house, the old Forge, and many other buildings of historical significance. So imbued with the spirit of colonial days do you become that you momentarily expect to see Franklin coming along with a loaf of bread under each arm.

Children will learn more history in an afternoon (it takes a full afternoon to study it thoroly) than in a month or more at school.

And when visiting High Street, don't fail to stop in the Indian Queen Tavern, at the farther end of the street. The tavern is a faithful reproduction of the one by that name in Revolutionary days.

And don't let the kiddies miss the marionette show in the Washington Stable.

The grounds back of the buildings are laid out in prim, box bush lined walks, with old fashioned flower beds. Even the slanting cellar doors of the various houses are shown on the pavement. One visitor referred to them as "those funny box like things," evidently not recognizing a cellar door in these modern days of gratings laid flat to the pavement.

There is something of interest to everyone, and no true blooded American can visit High Street without a thrill of admiration for those old colonial heroes, thru whose wise guidance America has become the land of glorious opportunity.

— A S B E S T O S —

NEWS OF THE INDUSTRY

Birthdays. Our birthday list this month includes E. H. Pierce, Secretary of the Plant Rubber & Asbestos Works, San Francisco, Calif., whose birthday occurs on July 27th; S. R. Zimmerman, President of the United States Asbestos Co., Manheim, Pa., on August 1st; and W. G. Ross, President of the Asbestos Corporation Limited, of Montreal, P., on August 6th. We extend to these gentlemen best wishes and congratulations.

The "Gorny" Journal, published in Moscow, Russia, contains in a recent issue an article entitled "An Essay of Prospecting, Sampling and Valuation of the Najenovskiy Asbestos Deposits", by I. Gergenreder. The article, is, of course, written in Russian.

The Asbestos Buildings Company of Ambler, Pa., is finding the Florida boom responsible for the sale of a number of their school buildings. The greatly increased population of Florida during the last two years makes larger schools necessary, and knockdown asbestos buildings are filling the need admirably.

The Lehon Company, West 45th street and Oakley avenue, Chicago, manufacturers and distributors of roofing, and insulation materials, contemplate the addition of asbestos shingles to their roofing line. The shingles will be distributed, not manufactured.

American Insulation Company. A rumor, as yet unconfirmed officially, has it that the American Insulation Company of Philadelphia, has purchased several acres of land on Riverview Drive along the Burlington R. R. tracks, on which they intend to erect an up-to-date factory for the manufacture of asbestos shingles.

The Asbestos Construction Company of New York City, will from July 1st, assume all work in connection with estimation and application of Johns-Mansville materials in the New York District, (Metropolitan area), Johns-Manville, Inc., having appointed the Asbestos Construction Company as their Approved Insulation Contractor.

The Indian Mines and Minerals. In the April issue of "ASBESTOS", on page 26, we stated that the Sareikela State asbestos deposits were under the control of the Indian Mines and Minerals. That firm now advises us that the actual control of the deposits is held by Harkarandass Mangilal of Chaibasa, The Indian Mines and Minerals acting as operating agents and advisers.

Freight Classifications. Shippers have recently suggested changes in the freight classifications on Insulating Cloth or

— A S B E S T O S —

Tape, and electrical insulating compounds. Hearings of the Consolidated Classifications Committee will be held in New York on July 13th, Chicago July 20th, and Atlanta, Ga., July 29th. Further details will be supplied to readers on request.

W. S. Lockwood, Advertising Manager of Johns-Manville, Inc., was on the program of the joint meeting of the National Industrial Advertisers Association and the Associated Business Papers, Inc., held in Philadelphia on June 22nd. Mr. Lockwood's subject was "The Johns-Manville Campaign Illustrated."

Asbestos Cement Pipes are described rather fully in two articles appearing in recent issues of trade magazines. The June issue of "The American City" contained such an article under the title: "An Interesting New Type of Water-Main", and the June 1st number of Water Works Engineering published a somewhat similar article under the title "New Water Pipe Made from Concrete and Asbestos." Both articles were written by Charles Haydock, water engineer of Philadelphia.

Asbestos Corporation Limited, has formally announced to its stockholders that the definitive certificates of stock, as well as the 6 per cent mortgage bonds would be ready for distribution on July 2nd.

The Asbestos Shingle, Slate & Sheathing Company of Ambler, Pa., has recently purchased about fifteen acres of land west of the Chicago, Burlington & Quincy R. R. tracks, and between St. Cyr road and Riverview Drive.

The site is to be used for the erection of a factory making asbestos shingles, lumber and corrugated sheathing, and is conveniently located near the Missouri Portland Cement Company, which will undoubtedly be used as the source of supply of Portland Cement to be used in the asbestos cement products.

Dr. Mattison, President of the Company states that while the actual manufacturing cost of Asbestos Shingles will be greater in the western plant than in the Ambler one, this difference in cost will be more than offset by the saving in freight and warehousing charges.

The plant is expected to be in operation before the close of 1927.

Carlton E. Miller, President of the National Magnesite Manufacturing Company, visited Philadelphia, and other points of interest in the East early in July. While Mr. Miller called on a number of business connections and contemporaries, the trip was purely one of pleasure, business being for the most part pushed into the background.

James Gow, the representative of the Cape Asbestos Company of London, is now on a visit to the United States with the special object of introducing on the American market the Company's new Amosite Asbestos, both as raw material and in the form of manufactured goods. Any person or company desiring to see Mr. Gow can communicate with him at the Waldorf Astoria Hotel, New York City.

ASBESTOS

The Cape Asbestos Company, Ltd., London, sent us a specimen of Asbestos Cloth which they have made from Amosite fibre.

H. R. Turner of Turner Brothers Co., Ltd., Rochdale, has recently been appointed Chairman and Managing Director of Ferodo Limited, Chapel-en-le-frith, England.

PATENTS

Asbestos Yarn from Asbestos Paper, Process Making and Weaving. On May 18th, there were granted a number of patents in connection with the process of making Yarn from Asbestos Paper, and then weaving the Friction Fabric from this Yarn. These patents are as follows:

No. 1,585,611. Serial No. 82,249, filed Jan. 19, 1926; No. 1,585,612, Serial No. 82,250, filed Jan. 19, 1926; No. 1,585,613, Serial No. 685,300, filed January 10th, 1924, renewed June 25, 1926; No. 1,585,614, Serial No. 684,325, filed January 4, 1924; No. 1,585,615, Serial No. 687,218, filed January 19, 1924, renewed January 28, 1926; No. 1,585,616, Serial No. 687,938, filed January 23, 1924, renewed January 25, 1926; No. 1,585,617, Serial No. 684,324, filed January 4, 1924, renewed January 28, 1926; No. 1,585,618, Serial No. 685,091, filed January 9, 1924, renewed January 28, 1926; No. 1,585,619, Serial No. 685,092 filed Jan. 25, 1924, renewed January 28, 1926; No. 1,585,620, Serial No. 709,723, filed April 29, 1924, renewed January 28, 1926; No. 1,585,621, Serial No. 654,511, filed July 30, 1923; No. 1,585,622, Serial No. 654,118, filed July 27, 1923, renewed January 28, 1926. These being granted to John Allen Heany, Assignor to Worldbestos Corporation of Paterson, N. J., and described as a process of making yarn from Asbestos Paper strip containing a binder which comprises bringing together simultaneously and substantially simultaneously a paper strip and a plurality of reinforcing elements and twisting said strip with said reinforcing elements.

Also, on May 18th, No. 1,585,623, Serial No. 680,186, filed December 12, 1923, and No. 1,585,624, Serial No. 712,970, filed May 13, 1924, granted to John Allen Heany of New Haven, Conn., Assignor to Worldbestos Corporation of Paterson, N. J., Friction Fabric and Making the Same. Described as an asbestos friction fabric or the like, consisting of a plurality of interengaged and deformed paper like strips of Asbestos material, bound with sufficient cohesiveness and tenacity to undergo fabrication, said strips being present in the fabric in paperlike formation.

Also on May 18th, No. 1,585,625, Serial No. 21,087, filed April 6, 1925, and No. 1,585,626, Serial No. 23,777, filed April 17, 1925, Friction Yarn and process and apparatus for making same. Granted to William Nanfeldt of New Haven, Conn., Assignor to Worldbestos Corporation of Paterson, N. J. Described as a process for making yarn which includes the step of loosely twisting in a given direction a paper strip with a strand of vegetable fibre, having a normal twist in the opposite direction, to wrap the paper strip around said strand of vegetable fibre.

ASBESTOS



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